

KEY TO SURFACES:

- Impermeable membranes and top covers for digestate storage (drainage to harvesting lagoon).
- In-situ concrete slab surfacing to falls (drainage to harvesting lagoon).
- In-situ concrete slab surfacing (drainage to attenuation/infiltration swale).
- Loose stone surfacing on permeable membrane on compacted stone base.
- Seeded (grass) topsoil covered embankments.
- Seeded (grass) topsoil covered level areas.
- Seeded (wildflower) screened topsoil on impermeable membrane (drainage to harvesting lagoon).
- Seeded (wildflower) subsoil within main drainage swales.
- Planted areas (native tree plantations or trees with native shrubs).

For details on the specification of seeded and planted areas refer to the report 'Schedules and specifications - landscape and biodiversity mitigation and improvement February 2018'.

KEY TO LEVELS:

- Contours as existing levels related to OSGB. Refer topographic survey drawing 09-50-02.
- Existing spot levels.
- Proposed spot levels.
- Proposed embankments with 1:2 gradient.

KEY TO SITE FURNITURE, FENCING AND LIGHTING:

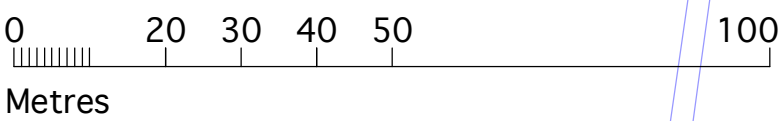
- Timber post and rail fence and matching gates 1.4 metres high.
- Galvanised steel welded mesh panel fence and matching gates 2.2 metres high.
- Column fixed downlighter 4.5 metres high PIR activated.
- Bulkhead lights PIR activated.
- Wheel deflection bell bollard.
- Freestanding walls for storage or protection (heights as notes on plan).

KEY TO PLANT AND EQUIPMENT:

Refer to detailed plans and elevations numbered as this key.

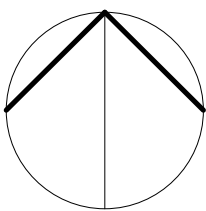
- Anaerobic Digester Tank
- Slurry Intake Tank
- Dry Feeding System (1No. Vertical Mixer, 1No. Feed Process Container)
- Waste Intake Tanks
- Pump and Manifold Housing Container
- O2 Generator Container
- 2No. Inlet/Outlet Stations
- Concrete apron, vehicle access and turning.
- CHP Biogas Generator (Containerised, Coolers and Exhaust Stack Roof Mounted)
- Raw Biogas Compressor Housing (c/w Chillers and Active Carbon Filters)
- EnviThan Gas Upgrading System
- Flare Stack
- Gas Network Entry Unit
- Above Ground Propane Tanks
- Biomethane Compressor Compound
- Remotely Operated Valve (ROV) Compound
- Harvested Water Storage Lagoon
- Separated Digestate Liquid Storage Lagoons
- 2No. Digestate Inlet/Outtake Stations
- Digestate Separation System
- Workshop building
- 11kV to 400V Electrical Transformer Compound
- Concrete yard with walls for storage of separated solids
- Administration building
- Weighbridge and wheelwash facilities
- Concrete yard with walls for storage of feedstock material
- Car parking spaces

Whitemoor Road



West Fen Farm Biomethane AD Plant  
Proposed site layout

Douglas Rule Associates



February 2018  
1:1,000 at A1  
09-50-01

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